

# PATENT COOPERATION TREATY

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### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>P 24166 PC 00</b>	FOR FURTHER ACTION    See Form PCT/IPEA/416	
International application No. <b>PCT/NO2003/000277</b>	International filing date (day/month/year) <b>15.08.2003</b>	Priority date (day/month/year) <b>16.08.2002</b>
International Patent Classification (IPC) or national classification and IPC <b>A63B 53/14, A63B 53/02</b>		
Applicant <b>Devilray AS et al</b>		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
  - a. ☒ (sent to the applicant and to the International Bureau) a total of 1 sheets, as follows:
    - ☒ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
    - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
  - b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- |                                     |              |   |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I    | Basis of the report   |
| <input type="checkbox"/>            | Box No. II   | Priority  |
| <input type="checkbox"/>            | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention  |
| <input checked="" type="checkbox"/> | Box No. V    | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited   |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application  |
| <input type="checkbox"/>            | Box No. VIII | Certain observations on the international application   |

Date of submission of the demand <b>15.03.2004</b>	Date of completion of this report <b>16.11.2004</b>
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88	Authorized officer <b>Björn Lindkvist / MRO</b> Telephone No. +46 8 782 25 00

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International Application No.  
PCT/NO2003/000277

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
  - ☐ This report is based on a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
    - ☐ international search (under Rules 12.3 and 23.1(b))
    - ☐ publication of the international application (under Rule 12.4)
    - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
  - ☐ the international application as originally filed/furnished
  - ☒ the description:
    - pages 1 - 11 \_\_\_\_\_ as originally filed/furnished
    - pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
    - pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☒ the claims:
    - pages \_\_\_\_\_ as originally filed/furnished
    - pages\* \_\_\_\_\_ as amended (together with any statement) under Article 19
    - pages\* 1 \_\_\_\_\_ received by this Authority on 12.11.2004
    - pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☒ the drawings:
    - pages 1 \_\_\_\_\_ as originally filed/furnished
    - pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
    - pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
  - ☐ the description, pages \_\_\_\_\_
  - ☐ the claims, Nos. \_\_\_\_\_
  - ☐ the drawings, sheets/figs \_\_\_\_\_
  - ☐ the sequence listing (*specify*): \_\_\_\_\_
  - ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
  - ☐ the description, pages \_\_\_\_\_
  - ☐ the claims, Nos. \_\_\_\_\_
  - ☐ the drawings, sheets/figs \_\_\_\_\_
  - ☐ the sequence listing (*specify*): \_\_\_\_\_
  - ☐ any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International Application No.

PCT/NO2003/000277

**Box No. V** Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	<u>1-2</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-2</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-2</u>	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

This report has been based on the new claims 1-2 filed with the letter of 2004-11-12.

The claimed invention

The claimed invention relates to a golf club device, more specifically a so-called putter, which is used to hit the golf ball the last distance to a hole.

In the International Search Report the following documents were cited:

D1: US 6 213 890 B1  
D2: EP 0 255 324 A2  
D3: US 4 588 191 A  
D4: US 6 083 116 A

The documents cited in the International Search Report represent the prior art. The claimed invention stated in the new claims 1-2 is not considered to be anticipated by these documents. None of the documents or any relevant combination of them reveals a golf club device as described by these claims.

According to the arguments stated above, the invention claimed in claims 1-2 is novel, considered to involve an inventive step and has industrial applicability.

Patent application no. PCT/NO2003/000277  
Applicant Devilray AS  
Date Nov. 11, 2004

CT/NO2003/000277  
12-11-2004

A m e n d e d   C l a i m s

1. A golf club device, more specifically a putter (1), comprising a head (2) and a shaft (3), which is attached to the head (2), the free end of the shaft (3) possibly being provided with a grip, c h a r a c t e r i z e d  
5 i n that the moment of mass inertia of the head (2) constitutes less than seventy-nine per cent of the total moment of inertia of the head (2), the grip and the shaft (3) when the putter (1) is rotated about an axis  
10 of rotation (4), which is perpendicular to the longitudinal axis (7) of the shaft (3) and about one hundred and twenty centimetres from the longitudinal axis (5) of the head (2), and/or that the mass of the shaft (3) divided by the length of the shaft (3) is at least one  
15 hundred and seventy grams per metre of shaft in a shaft which is up to one metre long, and at least one hundred and ninety grams per metre of shaft in a shaft which is longer than one metre.
2. A golf club device according to claim 1, c h a r a c -  
20 t e r i z e d i n that the moment of mass inertia of the head (2) constitutes between thirty and seventy-five per cent of the total moment of inertia of the head (2), the grip and the shaft (3).